



**Citizen**<sup>®</sup>  
ISO 9001 : 2008 CERTIFIED



IS 9281: Part 3 : 1981



CM/L- 7777809



Laboratory & Industrial  
Weighing...



Turning Technology into Solutions

[www.citizenscales.com](http://www.citizenscales.com)



## Precise Results Unrivalled in its performance class

No matter you are carrying out a simple routine task or a complicated weighing procedure, New Citizen Balances will impress you with their excellent performance, delivering accurate results within the shortest possible time, thanks to MonoTech and Perfect Self Automatic Calibration (PSAC).

The proven MonoTech weighing technology guarantees long operation life and extreme ruggedness, while PSAC automatically calibrate the balances using internal weights, whenever changes in temperature affect the accuracy of your weighing results. For added security, you can configure PSAC to initiate self-calibration at specific times.



### One range many solution

A strong line up 30 models, ranging from 0.01mg to 100 kg; reliable & accurate for all lab application.

Built-in application programme other than basic weighing ease your routine lab work like,

- Counting
- Percent Weighing
- Animal Weighing
- Formulation
- Totalization
- Check weighing
- Density Determination



### Easy Data Transfer

Only a single cable is required to transfer balance data to MSExcel or other Windows application.

No troublesome interface attachment or software installation is necessary. This unique feature makes Citizen balance extremely convenient for data analysis.



### EXCELLENT READABILITY

High Contrast Backlit VFD/LCD display is exceptionally easy to read under any room lighting conditions.



### THE BRILLIANT MONO-TECH

Unique & unequalled high end MONO-TECH technology (Weigh Sensor) to match the highest international standards.



### ELECTROMAGNETIC COMPATIBILITY

Metal housing eliminates the effects of thunderstorms or electromagnetic interference from other equipments.

GLP

PCS

%

ANI

Che  
LO OK HI

Stat

PIPT

DEN

Form

AIR

FIL

UNIT

PC  
RS 232

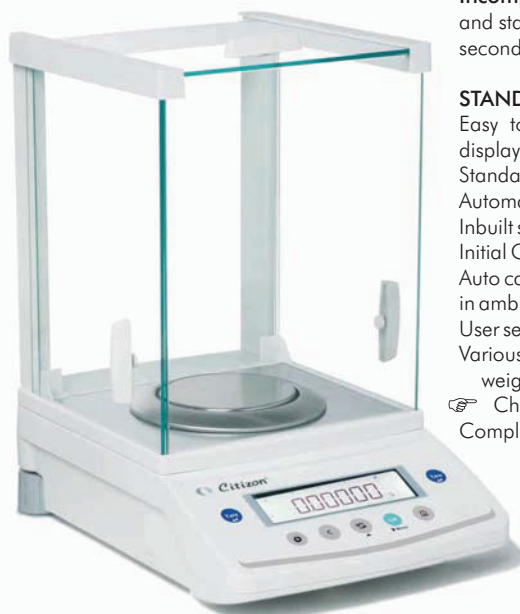
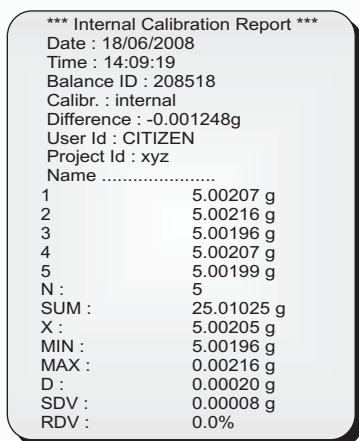
U

ST

PSAC

USB

USP  
U.S. Pharmacopeia  
The Standard of Quality



**Incomparably fast** : An outstanding feature is speed and stable readouts with five decimal places in just five seconds.

Complies to GLP / GMP

[illegible]

# Specifications of CM / CX SERIES



# CX/CY SERIES

## Analytical Balances



7 application programs will let you easily perform the following :-

Piece Counting  
Standard RS 232 C interface / USB Connectivity  
Percentage (%) weighing  
Check weighing

- Stat

- Statistics & Totalization
- Animal Weighing & Formulation
- Density measurement for solid and liquid  
[With optional eqp. & software]
- Fully Automatic Internal Calibration (for CX Series)  
with various following features, enables user for  
highly perfect and precise weighing.
- INITIAL Calibration
- Self calibration according to change in the ambient  
temperature
- User selected TIME calibration
- 6 User ID.
- Windows Direct Communication

### STANDARD FEATURES - CX / CY Series

Easy to read Large backlite LCD display with A.E.P.  
(Advanced Eye Protection)

Standard RS 232 C interface.

Hanger for Below Balance weighing

Fully automatic Internal calibration with built in weight for CX Series

Automatic External calibration for CY Series

Complies GLP/GMP.

Dye cast aluminium design for long term stability and accurate results

Various weighing units like gm, mg, ct, oz, dwt, non, GN,  
User selectable stability and filter level

Spacious draft shield interior

### Improved Repeatability For Better Results

## PRINT FORMATS

```

22-Mar-12      11:13AM
      Citizen
Model          CX 220
Ser. no.       9021107
Ver. no.       r01.1.04
ID             1234567

Calibration:   Internal

W-ID          .....
Temperature    29.378°C
Set            + 200.0000g
Diff.         -0.0031g

Internal Cal Done
Diff.          0.0000g

22-Mar-12      11:13AM
Name :

```

**Statistical Calculation Function :** The balance display and/or output statistical calculation data as no. (number of data), SUM (Total), Max (Maximum), Min (Minimum), R[range (maximum-minimum)', AVE (average), SD (standard deviation) and CV (coefficient of variation).

## Professional Level

## Standard Level

[illegible]

# Specifications of CX/CY SERIES



# CY / CG SERIES

## Precision Balances



CITIZEN'S new and improved precision series incorporates unique and unequalled High end technology built to match the highest international standards. The result is TEN fold increase in weighing performance which maintains our proven, simple and easy to use operator interface. Attractive quality of this new design is demonstrated by the CE mark of conformity along with the CITIZEN'S ISO 9001:2008 certification.

Citizen precision balance come with all the intelligent capability you need for your daily routine application other than "Basic Weighing" like

Piece Counting

Percentage (%) weighing

CY-C & CG-C Series precision balances comes with fully Automatic Internal Calibration (Details as stated in CX Series)

### STANDARD FEATURES

High contrast, Large Backlite LCD display for easy viewing with A.E.P. (Advanced Eye Protection)

Standard RS 232 C interface / USB Connectivity

Hanger for Below Balance weighing

Automatic External calibration

Compiles GLP/GMP Standard.

Dye cast aluminum design for long term stability and accurate results

Various weighing units like gd, mg, ct, oz, dwt, mom GN,g,lb, ozt, t1T, t1H, t1S, Bat, MS.

User Selectable stability and filter level

USB Interface available (Optional)



### Standard Level

### Professional Level

MODEL	CY 120	CY 220	CY 320	CY 420	CY 510	CY 720	CY 1003	CY 2003	CY 220C	CY 320C	CY 510C
CAPACITY	120 g	220g	320 g	420 g	510 g	720 g	1000 g	2000 g	220 g	320 g	510 g
READABILITY	0.001 g	0.001 g	0.001 g	0.001 g	0.001 g	0.001 g	0.001 g	0.001 g	0.001 g	0.001 g	0.001 g
REPEATABILITY (+/-)	0.001 g	0.001 g	0.001 g	0.001 g	0.001 g	0.001 g	0.002 g	0.003 g	0.001 g	0.001 g	0.001 g
LINEARITY (+/-)	0.002 g	0.002 g	0.002 g	0.002 g	0.002 g	0.002 g	0.002 g	0.005 g	0.002 g	0.00.2 g	0.002 g
PAN SIZE (mm/inch)	128 x 128 mm / 5.0" x 5.0"										
RESPONSE TIME	2-3 sec.										
DISPLAY	Backlite LCD Display										
CALIBRATION	Automatic External								Motorised Internal		
UNITS OF MEASURE	gm, mg, ct, GN, mo, oz, dwt, t1T, t1H, t1S, mom, Bat, MS										
TARE RANGE	Full										
SENSITIVITY DRIFT	2ppm(2x10 <sup>-6</sup> / °C)										
APPLICATION MODES	PCS, % Weighing, Animal / Dynamic Weighing Check Weighing, Automatic Density, Determination, Formulation Automatic Statistic Calculator etc.										
COMPLIANCE	ISO GLP / GMP / USP Compliance										
OPERATING TEMP.	15° to 40°C										
POWER SUPPLY	A/C Adapter 230 V-115V +/- 20% 50-60 Hz										

### Standard Level

### Professional Level

### Basic Level

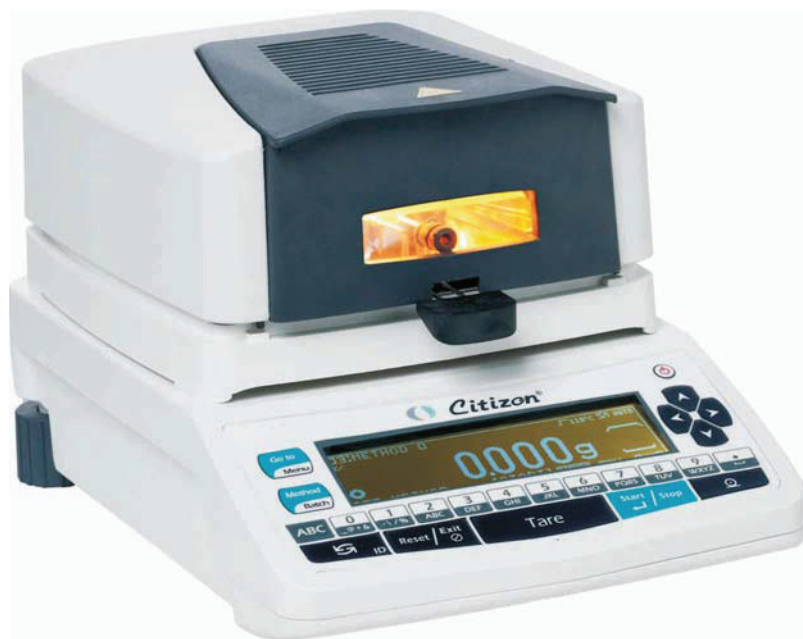


MODEL	CG 602	CG 1202	CG 2202	CG 3102	CG 4102	CG 2202C	CG 4102C	CG 2003DR	CG 3102DR	CG 3001 L	CG 6001 L	CG 10001 L
CAPACITY	600g	1200g	2200g	3100g	4100g	2200g	4100g	200g/2000g	300g/3000g	3000g	6kg	10kg
READABILITY	0.01g	0.01g	0.01g	0.01g	0.01g	0.01g	0.01g	1mg/10mg	1mg/10mg	0.1g	0.1g	0.1g
REPEATABILITY (+/-)	0.01g	0.01g	0.01g	0.01g	0.01g	0.01g	0.01g	1mg/10mg	1mg/10mg	0.1g	0.1g	0.1g
LINEARITY (+/-)	0.02g	0.02g	0.02g	0.02g	0.02g	0.02g	0.02g	1mg/10mg	1mg/10mg	0.2g	0.2g	0.2g
PAN SIZE (mm/inch)	195 x 195 / 7.6" x 7.6"									185 x 160 / 7.2" x 6.2"		
RESPONSE TIME	2-3sec.											
DISPLAY	Backlite LCD Display											
CALIBRATION	Automatic External					Motorised Internal			Automatic External			
UNITS OF MEASURE	gm, mg, ct, GN, mo, oz, dwt, t1T, t1H, t1S, mom, Bat, MS											
TARE RANGE	Fill											
OPERATING TEMP.	15°C to 40°C											
POWER SUPPLY	A/C Adapter 230 V-115 V +/- 20% 50-60 Hz											

Specifications of  
**CY / CG SERIES**

# MB SERIES

## Moisture Analyzer Balances



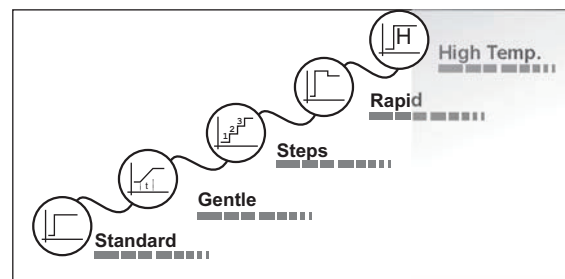
Citizen's New MB Series Moisture Analyzer With HALOGEN Heating is mainly Designed on the basis of Time Saving Factor for universal use in Chemical, Pharmaceutical, Oil, Petroleum Industries also in Material Testing & Environmental Laboratories & in Sewage Treatment Plants.



MB Series is compact in shape & big in performance. It performs all the major Functions of routine moisture analysis with following features.

### STANDARD FEATURES

- Data memory up to 1000 data
- Data can be divided in to 40 methods or 100 batches
- User can avail Statistic method or batch wise
- Facility of compile two method
- PS2 Key Board connectivity make it very user friendly operation.
- Password protection prevent unauthorized use of the important setting
- 4 user ID configurable
- ISO/GLP calibration report for weight and temperature, also last successfully calibration report can be avail any time form the memory
- Programmable customize print format
- Alpha numeric keypad makes it easy to enter method name
- Weight in assist helps user to do accurate measurements
- Facility to add any insolvent before actual drying
- Possible to configure stand by temperature between 30d C to 100d C
- Highly flexible display for changing font, background and contrast
- User configurable print interval during the moisture determination
- Auto Off, Auto keypad lock



## Specifications of MB SERIES

MODEL	MB 54	MB 50	MB 120	MB 200
Max capacity	50g	50g	120g	200g
Precision of readout mass	0.1mg	1mg	1mg	1mg
Precision of readout of moisture	0.001%	0.01%	0.01%	0.01%
Repeatability (Sample 2g) (sd)	0.005%	0.05%	0.05%	0.05%
Repeatability (Sample 10g) (sd)	0.015%	0.02%	0.02%	0.02%
Display information	% moisture, %of dry sustance, diagram graph, ratio, % Atro moisture, % Atro Dry, %gm/ltr.			
Range of temperature of drying	Max to 175° C (option to 250° C)			
Maximum time selection	999.9 min.			
Set temperature	Interval 1°C			
Software of drying	Standard, Rapid, Step, Gentle & High Temp.			
Auto options-turn off	Automatic, Manual timed, User DEF G/T, User DEF % U/T, Intelligent			
Menu language	English			
Transfer of data	RS 232 / USB / Ethernet			
Pan Size (mm/inch)	Ø 95mm / Ø 3.8			
Display	Backlite Graphical LCD Display			
Temperature of work	+ 10C -+ 40C			
Tare Rage	Full			
Voltage of power supply	110, 220-230V / 50-60Hz			



Auto



Manual



Timed



User Def G/T



User Def %U/Time



Intelligent



## Industrial Precision Balances

Citizen's SSH Series is a Industrial Precision Balances with electromagnetic mechanism. It comes with following features for high performance accuracy.

### STANDARD FEATURES

- External Calibration
- Large LCD Display for easy view with backlite
- Standard RS-232 interface output with changeable parameters & continuous work
- Rust proof stainless steel platter
- Under hook weighing



Units : gm, dwt, kg  
Functions : Parts counting  
Percentage weighing  
Density weighing



MODEL	SSH 95	SSH 94	SSH 94H	SSH 93	SSH 92	SSH 91	SSH 91L	SSH 91H	SSH 90
CAPACITY	15 kg	20 kg	25 kg	35 kg	50 kg	60 kg	60 kg	60 kg	100 kg
READABILITY	0.1 gm	0.1 gm	0.1 gm	0.1 gm	1 gm	1 gm	0.5 gm	0.2 gm	1 gm
REPEATABILITY (+/-)	0.1 gm	0.1 gm	0.1 gm	0.1 gm	1 gm	1 gm	0.5 gm	0.2 gm	1 gm
LINEARITY (+/-)	0.2 gm	0.2 gm	0.2 gm	0.2 gm	2 gm	2 gm	1 gm	0.5 gm	2 gm
PAN SIZE (MM/INCH)	400 x 300 / 15.7" x 11.8"					320 x 380 / 12.6" x 15"			
RESPONSE TIME	2-3sec.								
DISPLAY	Back Lite LCD Display								
CALIBRATION	External								
UNITS OF MEASURE	g, mg, ct, GN, mo, oz, dwt, T1T, t1H, t1S, t1S, mom, Bat, MS								
TARE RANGE	Full								
OPERATING TEMP.	5°C to 40°C								
POWER SUPPLY	A/C Adapter 230 V-115 V +/- 20% 50-60 Hz								

## Dynamic Checkweigher

## Checkweigher



Air Rejecter

### Features :

- Designed for Control of packaged & Unpackaged Goods.
- Detecting Theory : Digital Weighing Sensor, EMFC Sensor (Optional)
- HACCP, CMP & FDA Approved
- Automatic Weighing Compensation & Zero Tracking
- Strong Stainless Steel Structure (S.S. 301) Mild Steel (Optional)
- Advance DSP Technology with Digital Signal Filter
- Graphical with Touch Screen Display
- Built-in Power Stabilizer
- Buzzer & Lamp Alarming with Rejectors
- 100 Products Preset; Easy to Edit & Recall
- Data Storage & Data Printout ready
- 2000 Sorting Reports
- RS-232 (Standard), USB & Ethernet Interface (Optional)
- Easy  $\pm$  Tolerance Control
- Easy Interface in Existing Production Lines
- Adjustable Belt Speed
- Rapid Change of Belts
- Anti-Vibration Legs with Height Adjustment

Model	CW 200	CW 1K	CW 3K	CW 10K	CW 40K
Capacity	5 ~ 200g	2 ~ 1000g	3 ~ 3000g	50g ~ 10kg	100g ~ 40kg
Accuracy (g)*	$\pm 0.2g$	$\pm 0.5g$	$\pm 1.0g$	$\pm 10g$	$\pm 20g$
Working temperature	10° $\pm$ 40°C				
Display	Graphical with Touch Screen				

## Table Top Scale

## Table Top & Platform Scale



CTG Series

CKG / CTP Series

### STANDARD FEATURES

- High resolution upto 30,000 counts.
- Easy to read (0.56") Bright RED LED / LCD display.
- Built-in rechargeable battery for continuous use.
- Piece counting function available.
- Environmentally protected Load Cell.
- Rust Proof Stainless Steel Platter.
- Auto Calibration.
- Stainless Steel Platter & Body. (CTG- S Series)

Pan Size (mm) : 290 mm x 240 mm  
 Display : 0.56" Bright Red LED / LCD display  
 Power Supply : AC 230V + 10% 50-60 Hz & with built-in rechargeable battery backup  
 Optional : RS 232C Interface, Remote Display, USB Interface  
 : Piece computing facility (Model CKG Series)  
 : FLP Indicator for all models available.

### ABS Body Table Top Scale

MODEL	CTG 3	CTG 6	CTG 10	CTG 15	CTG 30	CTG 31
Capacity	3000 g	6 Kg	10 Kg	15 Kg	30 Kg	30 Kg
Readability	0.1 g	0.5 g	0.5 g	1 g	2 g	1 g
Pan Size (mm / inch)	290mm x 240 mm / 9.5" x 11.5"					

Model "CKG" Suffix stand for Piece Counting Scale  
 Model "CTP" Suffix stand for Price Counting Scale

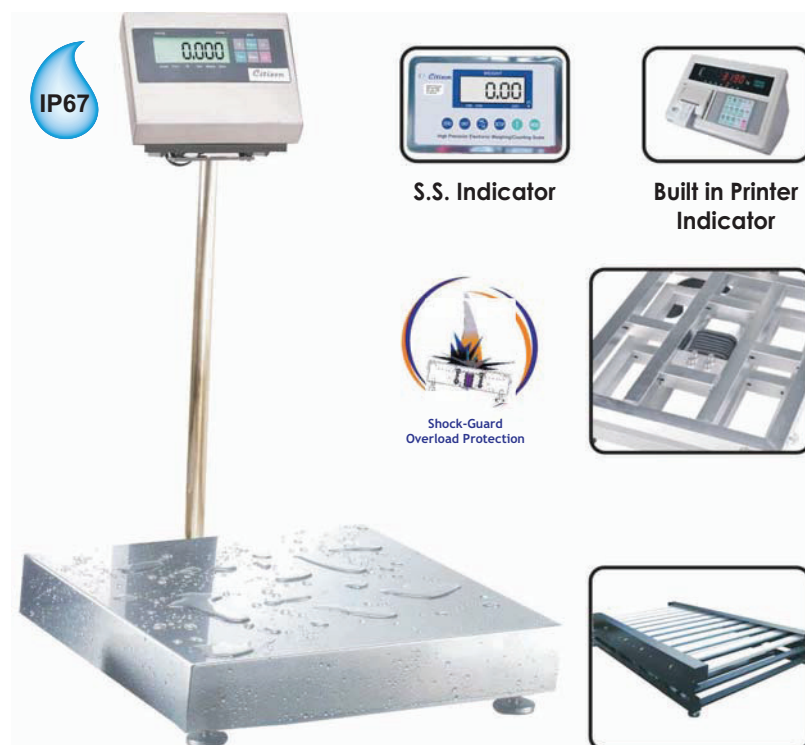
### Stainless Steel Table Top Scale

MODEL	CTG 3S	CTG 6S	CTG 10S	CTG 15S	CTG 30S	CTG 31S
Capacity	3000 g	6 Kg	10 Kg	15 Kg	30 Kg	30 Kg
Readability	0.1 g	0.5 g	0.5 g	1 g	2 g	1 g
Pan Size (mm / inch)	290mm x 240 mm / 9.5" x 11.5"					



CTG-S Series

## Stainless Steel Platform Scale



### STANDARD FEATURES

- High resolution upto 15,000 counts.
- Easy to read (0.56") Bright LED / LCD display.
- Rugged construction suitable for Industrial application.
- Optional remote display available for customer.
- Environmentally protected loadcells IP67 Class Stainless Steel Loadcells for washdown application..
- 304L or 316L Platter provided.
- GMP, FDA Compliance.
- Stainless Steel Capsulated Loadcell for Complete washdown applications.
- Auto-off Function for power saving.
- Safety overload 150% of the scale capacity.
- Dust Resistance Membranes key.
- From Bench Scales to Floor and Pit-Mount Platform Scales

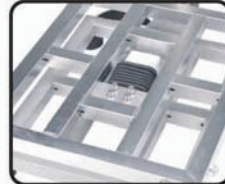
Display : (0.56") Bright Red LED / LCD display  
 Power Supply : AC 230V + 10% 50-60 Hz & with built-in rechargeable Battery backup  
 Optional : RS232C Serial Interface port facility.  
 : 4-20 mA, set point facility.  
 : (A Type) S.S. Roller available.  
 : Built-in Printer Indicator

S.S. Indicator

Built in Printer Indicator



Shock-Guard Overload Protection



(A Type) S. S. Roller

MODEL	CTG 50S	CTG 60S	CTG 100S	CTG 150S	CTG 100S	CTG 200S	CTG 300S	CTG 500S
Capacity	50 Kg	60 Kg	100 Kg	150 Kg	100 Kg	200 Kg	300 Kg	500 Kg
Readability	5 g	5 / 10 g	10 g	10 g	10 g	20 g	20 / 50 g	50 g
Pan Size (mm)	400 x 400 / 15.7" x 15.7"		500 x 500 / 19.7" x 19.7"		600 x 600 / 23.6" x 23.6"			



# CTG SERIES

## Platform Scale

## Platform Scale



CTG Platform Scale



Built in Printer Indicator



A Type Platform Rollers & Ramp



Bench Scale

MODEL	CTG 30B	CTG 50B	CTG 60B
Capacity	30 Kg	50 Kg	60 Kg
Readability	2 / 5 g	5 / 10 g	5 / 10 g
Pan Size	400 x 400 / 15.7" x 15.7"		

### STANDARD FEATURES

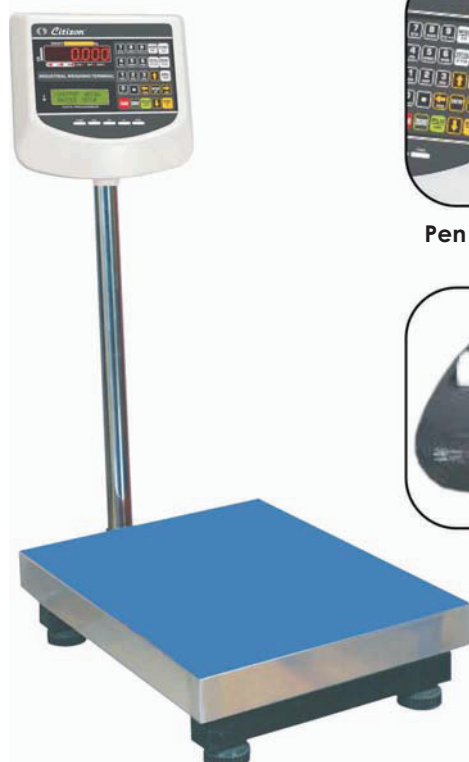
- High resolution upto 15,000 counts.
- Easy to read (0.56") Bright RED LED / LCD display.
- Net/Gross Function.
- Built-in rechargeable battery for continuous use.
- Optional remote display available for customer.
- Environmentally protected load cell.
- Rugged construction suitable for Industrial environment.
- Single Load Cell Type with IP 67 Class Load cell.

- Display : 0.56" Bright Red LED / LCD display
- Power Supply : AC 220V + 10% 50-60 Hz & with built-in rechargeable battery backup
- Optional : RS 232C Interface, Remote Display.
- : Built In Printing Indicator available on request.
- : 4-20 mA Facility, Set point facility.
- : (A Type) MS Roller Ramp Available Version for special industrial application.
- : Piece Counting Facility (Model CKG Series)

MODEL	CTG 60	CTG 150	CTG 200	CTG 300	CTG 500	CTG 500	CTG 1000
Capacity	50 Kg	150 Kg	200 Kg	300 Kg	500 Kg	500 Kg	1000 Kg
Readability	5 / 10 g	10 g	20 g	20 / 50 g	50 g	100 g	200 g
Pan Size (mm)	500 x 500 / 19.7" x 19.7"			600 x 600 / 23.6" x 23.6"		750 x 750 / 29.5" x 29.5"	1000 x 1000 / 39.3" x 39.3"

Model : CKG" Suffix stand for Piece Counting Scale

## Shipper Scale



Pen Drive Support



Printer

### STANDARD FEATURES

- Interface to Label / Dot Matrix Printers / Scanner.
- Weighing Scale / Data Processing Capacity.
- Report for Bill Summary / Weighments for day.
- 5000 Shipper Memory, Upgradeable to 20,000.
- Master - Product, Customer, Brands.
- Dispense Mode / Shipper Mode Slips.
- Real Time Clock with Backup support.
- Check Weighing / Counting Accumulation modes.
- Fully programmable with front Panel.
- Labels support for Shipper with Barcoding.
- 500,000 Counts Internal / Up to 50,000 external.
- Bi Directional RS 232 / USB for data output.
- Export Data to Pen Drive Excel Format

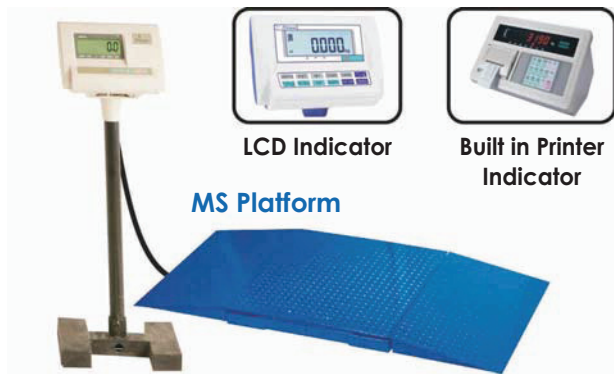
USV PHARMA		USV PHARMA	
SW:00213		BALANCE:DM/12 Date:22.12.12	
BALANCE: DM/1232/132		ITEM: COMBI FLAM 200mg	
ITEM: COMBI FLAM 200mg		LOT#: 25C113	
PACK: 1C201		MFG: 25.12.12 EXP: 25.12.14	
LOT#: 25C113		TARGET WT MAX MIN TARGET QTY	
MFG: 24.12.12		10.50 10.7 10.4 40 pcs	
EXP: 25.12.14		SHIPPER WT (kg) QTY TIME	
GROSS : 1.120Kg		001 10.54 40 13:20	
NET : 0.920kg		002 10.50 40 13:21	
TARE : 0.200kg		003 10.64 40 13:22	
		004 10.50 40 13:22	
		005 10.60 40 13:23	
		006 10.55 40 13:23	
SIGNATURE		6 BOXES/ 63.33kg / 240Nox	
DATE: 22.12.12		TIME:16:40	
		DONE BY PRODUCTION QUALITY	

MODEL	CTG 60SS	CTG 150SS	CTG 200SS	CTG 300SS	CTG 500SS
Capacity	50 Kg	150 Kg	200 Kg	300 Kg	500 Kg
Readability	5 / 10 g	10 g	20 g	20 / 50 g	50 g
Pan Size (mm)	500 x 500 / 19.7" x 19.7"			600 x 600 / 23.6" x 23.6"	

• Optional : SS Version Available

## Ultra Low Profile Platform Scale

## Heavy Duty Platform Scale



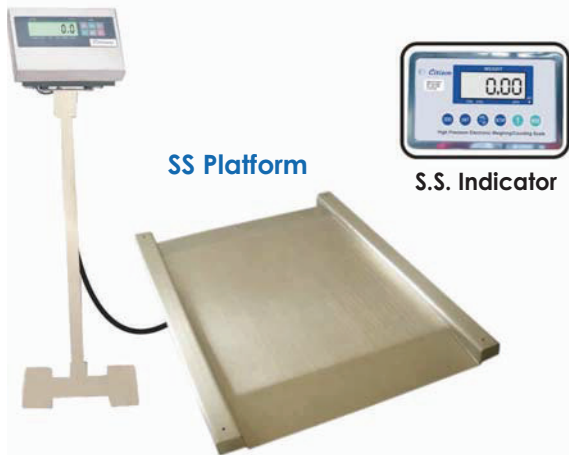
MS Platform

LCD Indicator

Built in Printer Indicator

### STANDARD FEATURES

- High resolution up to 15,000 counts.
- Ultra-low profile, 90-100mm height of platform for easy weighing.
- Optional : RS 232C interface.
- Environmentally protected Load cells.
- Four Load cell structure for rugged and durable weighing.
- Ramp ON & Ramp OFF is standard in low profile scale for easy goods movability.
- Built-in rechargeable battery for continuous use.
- Hermetically sealed stainless steel capsulated load cell to IP67 specifications. (Available on S.S. Ver. only)
- SS 304 Stainless Steel structure for Washdown & Anti corrosive application. (Available on S.S. Version only)
- Handles for convenience of positioning and removal.
- Safety overload protection.



SS Platform

S.S. Indicator

IP 68 SS Capsulated Loadcell

- Display : 0.56" Bright Red LED / LCD display
- Power Supply : AC 220V + 10% 50-60 Hz & with built-in rechargeable battery backup
- Optional : 4-20 MA & Set Point facility
- Optional : RS232C Serial Interface port facility.
- Optional : Stainless steel indicator housing for washdown application.
- Optional : Built In Printing Indicator

MODEL	CTG 500 4L U.M.S.	CTG 1T4L U.M.S.	CTG 2T4L U.M.S.	CTG 3T4L U.M.S.
Capacity	500 kg	1 Ton	2 Ton	3 Ton
Readability	100 g	200 g	500 g	1 Kg
Pan Size (mm)	1000 x 1000 / 39.3" x 39.3"	1200 x 1200 / 47.2" x 47.2"		

Non-Standard Platform Size Available on request.

"UMS" suffix stands for Fully MS Platform.

"USS" suffix stands for Fully SS Platform.

## Heavy Duty 4Load Cell Platform Scale

### STANDARD FEATURES

- High resolution upto 15,000 counts.
- Easy to read (0.56") Bright LED / LCD display.
- Rugged construction suitable for Industrial application.
- 304L or 316L Platter provided.
- GMP, FDA Compliance.
- Stainless Steel Capsulated Loadcell for Complete washdown applications.
- Auto-off Function for power saving.
- Safety overload 150% of the scale capacity.
- Dust Resistance Membranes key.



SS Platform

MS Platform

- Display : 0.56" Bright Red LED / LCD display
- Power Supply : AC 220V + 10% 50-60 Hz & with built-in rechargeable battery backup
- Optional : RS 232 Interface, Remote Display, Wall Mounting Bracket
- Optional : 4-20 mA Facility, Set point facility.
- Optional : Ticket Printing Facility.
- Optional : SS IP67 Indicator
- Optional : Built In Printing Indicator



S.S. Indicator



Built in Printer Indicator

MODEL	CTG 1T4	CTG 1T4	CTG 2T4	CTG 3T4	CTG 5T4	CTG 5T4
Capacity	1 Ton	1 Ton	2 Ton	3 Ton	5 Ton	5 Ton
Readability	200 g	200 g	500 g	1 Kg	2 Kg	1 Kg
Pan Size (mm)	1000 x 1000 / 39.3" x 39.3"	1200 x 1200 / 47.2" x 47.2"	&		1500 x 1500 / 59" x 59"	2000 x 2000 / 78.7" x 78.7"

Model : CTGxxxS" Suffix stand for Fully SS Platform

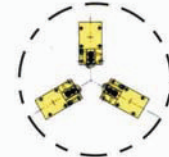
# Process Weighing Systems

## Tank Weighing System

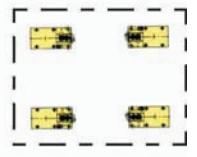


### STANDARD FEATURES

- No moving parts.
- The most reliable strain gauge load cells.
- High Accuracy.
- Practically no maintenance.
- Standard electronics will have relay outputs / 4-20mA isolated current, set point facility.
- Absolutely cost effective.
- Expandable Control output to use as batch controller.



**System with 3 support point**



**System with 4 support point**

Load Sensor	Precision Strain Gauge Load Cell
System Accuracy	+/- 1% of F.S.
Zero Adjustment	Adjustable by soft touch keypad
Indicator	5 digit 25mm LED Display
Power Supply	230V, 50H, 10%
Temperature Range	5°C to 50°C
Enclosure	1) IP-55 for Field Mounted
	2) IP-54 for Control Room Housing
Load cell	Hermetically Sealed (IP 67Class)

Model	Capacity	Last Count
TN 5	5 Ton	2 Kg
TN 10	10 Ton	5 Kg
TN 15	15 Ton	5 Kg
TN 20	20 Ton	5 Kg
TN 30	30 Ton	10 Kg
TN 50	50 Ton	10 Kg
TN 100	100 Ton	20 Kg
TN 150	150 Ton	50 Kg
TN 300	300 Ton	100 Kg
TN 500	500 Ton	200 Kg

## Drum Filling Weighing System



### APPLICATION

Weighing filling machine is made based on international technique, with filling and electronic weigh, electronic displaying functions. It is suitable for medium and big bucket filling of various kinds of viscous, non-viscous, corrosive and non-corrosive liquid.



- Filling Method: Filling from top.
- Control Mode: Manual setting filling way micro switch control.
- Conveying Mode: Roller Type Conveying without engine.
- Own digital displaying filling quantity function, can finish multi-kinds filling quantity setting.
- Automatic peeled, based on net weight filling function.
- Own vacuum withdrawing function to avoid anti-drip.
- With manual & automatic micro switch control system function.
- Dual speed control function to prevent splashing.
- With emergent treatment to avoid misuse and protect power-off
- With SUS316 material of inside pipeline, which is liquid contact part.



Model	CDF 20L	CDF 200L
Accuracy	± 0.2%	± 0.1%
Weighing Range	5 - 20 kg	20 - 200 kg
Filling Speed	120 - 150 pcs/hour	40 - 60 pcs/hour
Air Supply	165 L/min	150 L/min
Power Supply	AC 220V	AC 220V
Dimension (mm)	1020 x 650 x 1450	1220 x 870 x 1650
Weight	95 kg	120 kg